

Savannah River Site (Aiken, SC) Safety Basis Report

Total Facilities: 23

Facility	Hazard Category	Safety Basis Type	Approval Status	Date Approved
232-H - Extraction Facility (Deactivated and Deinventoried)	HC3	DSA	AUR	03/31/2016
234-7H - Materials Test Facility	HC2	DSA	AUR	03/31/2016
236-H - Byproduct Purification Facility	HCR	DSA	AUR	03/31/2016
237-H/238-H - Empty Tritium component storage and reclamation facility	HC3	DSA	AUR	03/31/2016
Analytical Labs (F/H Labs)	HC2	DSA	AUR	06/02/2015
C Area	HC2	BIO	AUR	02/24/2015
Concentration, Storage and Transfer Facilities (CSTF)	HC2	DSA	AUR	09/22/2016
Defense Waste Processing Facility (DWPF)	HC2	DSA	AUR	01/16/2016
F Canyon Complex	HC2	DSA	AUR	06/28/2016
F-Area Material Storage (FAMS) 235-F	HC2	BIO	AUR	12/11/2015
H Canyon	HC2	DSA	AUR	05/24/2016
H-Area New Manufacturing Facility (Tritium component loading and unloading facility)	HC2	DSA	AUR	03/31/2016
H-Area Old Manufacturing Facility (Tritium component finishing/shipping/receiving)	HC2	DSA	AUR	03/31/2016
HB-Line	HC2	DSA	AUR	03/11/2016
K-Area Complex	HC2	DSA	AUR	06/29/2016
L-Area Material Storage Facility	HC2	DSA	AUR	09/28/2015
Salt Waste Processing Facility (SWPF)	TBD	PDSA	AUR	10/01/2008
Saltstone Process	HC2	DSA	AUR	06/18/2016
Savannah River National Laboratory (SRNL)	HC2	DSA	AUR	06/27/2016
Savannah River On-Site Transportation Activities	TBD	0	AUR	05/25/2016
Solid Waste Management Facilities (SWMF)	HC2	DSA	AUR	09/17/2015
Tritium Extraction Facility including the Remote Handling Building (264-2H) and Tritium Processing B	HC2	DSA	AUR	10/31/2015
Waste Solidification Building	HC2	PDSA	AUR	

Safety Basis Report current as of Dec 23, 2016

Program Office

National Nuclear Security Administration

Safety Basis Type

BIO – Basis for Interim Operation

DSA – Documented Safety Analysis

PDSA – Preliminary Documented Safety Analysis

Hazard Category

HC1 – Hazard Category 1 (a nuclear facility with the potential for significant off-site consequences)

HC2 – Hazard Category 2 (a nuclear facility with the potential for significant on-site consequences)

HC3 – Hazard Category 3 (a nuclear facility with the potential for only significant localized consequences)

HCR – Hazard Category Radiological (a radiological facility only)

Approval Status

AUR – Approved Under the Rule (10 CFR 830 – Nuclear Safety Management)

E – Temporary Exemption Granted

SBPA – Operating Safety Basis Pending Approval

UD – Under Development

UMR – Operating Safety Basis Pending Update to Meet the Rule